



Fw: Chronology for Sam
Ray Leissner to: Stacey Dwyer
Cc: Philip Dellinger

10/10/2012 04:50 PM

From: Ray Leissner/R6/USEPA/US
To: Stacey Dwyer/R6/USEPA/US@EPA
Cc: Philip Dellinger/R6/USEPA/US@EPA

Stacey,

Phil and I are both out tomorrow for hazwhoper so here's my proposed updated chronology for Wren below.



Goliad history and chronology updated 10-10-12.doc

Ray Leissner, Env. Eng.
Ground Water / UIC Section (6WQ-SG)
(214) 665 - 7183
USEPA, Region 6

The FIRST STEP in protecting your ground water is to have your well tested.

----- Forwarded by Ray Leissner/R6/USEPA/US on 10/10/2012 04:47 PM -----

From: Wren Stenger/R6/USEPA/US
To: Philip Dellinger/R6/USEPA/US@EPA
Cc: Jose Torres/R6/USEPA/US@EPA, Ray Leissner/R6/USEPA/US@EPA, William Honker/R6/USEPA/US@EPA, Stacey Dwyer/R6/USEPA/US@EPA
Date: 10/10/2012 02:40 PM
Subject: Re: Chronology for Sam

with the attachment this time.

-----Philip Dellinger/R6/USEPA/US wrote: -----

To: William Honker/R6/USEPA/US@EPA, Wren Stenger/R6/USEPA/US@EPA
From: Philip Dellinger/R6/USEPA/US
Date: 08/01/2012 12:42PM
Cc: Ray Leissner/R6/USEPA/US@EPA, Jose Torres/R6/USEPA/US@EPA
Subject: Chronology for Sam



(See attached file: Goliad history and chronology.doc) Goliad history and chronology.doc

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CHRONOLOGY OF INTERACTIONS BETWEEN REGION 6 AND THE CITIZENS OF GOLIAD COUNTY AND THEIR REPRESENTATIVES

- 2007 In April, Margaret Rutherford placed the first call to José Torres to report on UEC's exploratory operations, to complain about the observed adverse effects of those operations on area residents' drinking water wells and to express concern with the risks of uranium mining in the area. Other area residents, the Uranium Information at Goliad (UIAG) group and the Goliad County Groundwater Conservation District (GCGCD) echoed Ms. Rutherford's complaints and concerns and began to provide technical data.
- By September, the Region began to provide formal written replies to written requests from residents of the Goliad Project's area and immediate surrounding area (Krueger, Holy, Duderstadt, et al).
- 2008 In March, the citizens provided EPA with a copy of a Summary of Notice of Intent to Sue issued to UEC for violations in connection with failure to plug exploratory wells in an "area of exploration" located near the common boundary of the Goliad, DeWitt and Victoria counties.
- In July, the Section took notice of a request sent to TCEQ by Blackburn & Carter on behalf of the Goliad County citizens asking that a public meeting on UEC's application be held in Goliad.
- In August, the Division Director wrote a reply letter to the Duderstadts addressing their questions on EPA's role regarding uranium exploration operations and permitting activities. The letter assured the Duderstadts that EPA was following the developments on the UEC's application.
- 2009 In July, Goliad County Commissioners Ted Long and Jim Kreneck met with members of the Source Water Quality Branch in the Regional office, and expressed their concern with the risks to the drinking ground water supply posed by in-situ solution mining of uranium in the Goliad Project area.
- In October, and upon request, the Section provided a citizen with a back of the envelope technical assessment of the regional impact of the city of Victoria's ground water public supply system on the Goliad aquifer.
- 2010 In May, the Regional administrator met with representatives of the Blackburn & Carter law firm to discuss the UEC application for conducting uranium in-situ solution mining operations in Goliad County. The citizen's representatives provided data on water quality in the proposed Production Area No. 1 in the Goliad Project.
- In December, the RA requested to be briefed on details of the proposed modeling work that might be required as part of the evaluation of the AE request. The Goliad citizens wrote to the Section expressing their dismay for TCEQ approval of a permit to mine for uranium in the County.
- 2011 In January, a group of Goliad citizens, officers of the GCGCD and their attorneys met with the RA in the Regional offices to vent their concerns over the potential adverse consequences on their drinking water supply that in-situ mining for uranium might cause.
- In February, GCGCD officers and their team of expert witnesses met with members of the Region's UIC technical staff to explain the details of their testimony opposing the permitted in-situ mining operations.
- In August, members of the Source Water Protection Branch traveled to Goliad County to conduct a visit to the area permitted by TCEQ for uranium mining, and to attend the GCGCD public meeting.

2012 In January EPA met with UEC to discuss the Regions request for GW modeling. In that meeting the Region recognized any aquifer, or portion thereof, containing water that is destined to be captured by an existing water well for human consumption as currently serving as a source of drinking water for that well. In addition the Region proposed GW modeling of the chemical fate of the restored plume.

The Region submitted a second letter to TCEQ on May 16, 2012 outlining the legal and technical basis and the requirements necessary for a demonstration that meets the criteria for exempting aquifers.

In August EPA held a meeting with officials of the GCGWCD, UEC, and their respective attorneys to discuss technical issues with the latest submissions of UEC whose approach was to demonstrate water well isolation in lieu of GW capture. UEC submitted a proposed revised AE map. Issues remain.

In September UEC submitted a lot of fluid level data taken from 2008 -2012 on the GW gradient over the B sand. Contours of the data indicated GW flow was west to east over the B sand. The Region intermittently contacted the Church and the GCGWCD on occasion to determine the feasibility of running pump tests near the SE water wells of concern.



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